Bruhath Bangalore Mahanagara Palike Dasarahalli Zone

Name of Work:Improvements RCC Drains And Roads At Anjaneya Temple Surrounding Area in Mallasandra in Ward No.13 Shettyhalli Sub Division

Est .Cost Rs.30.00 Lakhs

Sl No	Description of Items	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-3. Earthwork excavation by manual means in ordinary soil invoiving in average horizontal throw up to 2m & an average lift upto 1.5m , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification MORTH/ Chapter 3. Page No. 142/ Item No. 19.1/ PWD SR 2016-17								
	Anjaneya temple Road	Cum	1	77.00	1.50	1.50	173.25		
	Anjaneya Temple Road		1	36.00	0.60	0.30	6.48		
			1	93.00	7.20	0.30	200.88		
	Galli Road		1	43.00	2.00	0.30	25.80		
				3.00			**406.41**	**191.55**	**77847.84**
3	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2 Page No.12/ Item No. 4.3/ PWD SR 2016-17								
	Anjaneya Temple Road		1	36.00	0.60	0.10	2.16		
			1	93.00	5.90	0.15	82.31		
	Galli Road		1	43.00	1.95	0.10	8.39		
							92.85	**5726.51**	**531706.45**
3	KSSRB M400-7 Construction Of granular sub -base by providing coarse graded cushed stone aggregates of granite / trap / basalt material speading in uniform layers with motor grader on prepared surface,mixing by mix in place method with rotavator at OMC,and compacting with vibratory roller to achive the desired density. complete asper specification. **By mix in place method for Grading II Material** KSSRB Page No 156 Item No 20.6 and 20.6.3								
	Anjaneya Temple Road		1	36.00	0.60	0.15	3.24		
			1	93.00	7.00	0.15	97.65		
	Galli Road		1	43.00	1.95	0.15	12.58		
							113.47	**1756.66**	**199323.82**
4	Proveding and Laying plain reinforced cement concrete for side drains using m20 nominul mix concrete with OPC cement 300kgs. With 20mm and down size ganite metal course aggregates @0.69cum and fine aggregates @0.43cum machine mixed,well compacted for walls and bottom including centring,shuttring,cost of materails, HOM of machinaries. Complete Excluding cost of steel asper MORTH Specification no1500,1700,2200. Wall And Bottom thickness 15cm KSSRB Page No 265 Item No 37.59 and 37.59.2								
	Drain Rafi Concrete	Cum	1	77.00	1.25	0.10	9.63		
			2	77.00	0.10	1.00	15.40		
	Side Wall		1	77.00	1.25	0.10	9.63		
	deck slab						**34.65**	**12246.05**	**424325.63**

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5	Cement concrete pavement. Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 with 25mm and down size graded granite metal coarse aggregates and fine aggregtes, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing) & spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, including curing, finishing to lines and grades as per drawing complete as per specifications. **M30 (at 360Kg per cum coarse aggregate @ 0.69cum and fine aggregate @ 0.46cum) Page o 177 Item No 22.6.1**								
	Anjaneya Temple Road		1	36.00	0.60	0.15	3.24	19.98	
			1	96.50	7.00	0.15	101.33	129.50	1234.27.93
			1	43.00	1.95	0.15	12.58	19.38	
	Galli Road					178.83	117.14	6863.22	803974.75
6	KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3, TMT bars Fe 500. Page No. 17/ Item No. 4.46.2/ PWD SR 2016-17								6901.94
	For RCC Drian	Tonnes		62.37	x	45kgs	2.81	66714.20	122517.66
						Say	2.81	66340.17	186193.64
7	Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift. **Page No.178/ Item No.22.7, 22.8.1/ PWD SR 2016-17**								
	Anjaneya Temple Road	Sq.m	1	36.00	0.60		21.60	111.60	
			1	96.50	7.00		675.50	558.00	
			1	43.00	1.95		83.85	86.00	80010.48
	Galli Road					755.60	780.95	105.30	82234.04
8	Providing & laying reinforeced cement precast slabs of mix CC 1:11/2:3 using 20mm & down size graded Granite metal using HYSD 10mm dia steel @ 100mm c/c both ways & Complete as per								
	Damaged Slab	Sq.m	1	46.00		0.90	41.40	80.74	3316.76
			31	46.00			41.40	1680.00	69552.00
							Sub Total	1864.80	2699812.62
									296979.39
9	**KRIDL Charges (10+1%)**								3207.99
10	**Misc and Other Charges**								3000000.00
							Grand Total		
	(Rupees Thirty Lakhs Only)								

2701282.57
297134.48
1649.95

CERTIFICATE

1 The Work spot has been inspected and the work found to be necessary
2 The Estimate is prepared as per the PWD SR 2016-17
3 The Provision made in estimate are adequate and essential
4 This area comes under BBMP limits.
5 This work is not included in any other estimate.

Asst Engineer
Ward No-13

Asst Executive Engineer
Shettyhalli Sub-Division
BBMP

Executive Engineer
Dasarahalli Zone
BBMP

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ಸಂ. BBMP/EE/DD/AS/680/17-18 ದಿನಾಂಕ : 27-02-18

ರೂ. Rs. 30.00 Lakhs
Rupees Thirty Lakhs only
ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆ ನೀಡಿದೆ

ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

ಸಂ. BBMP/CE/D2/TS-43/2017-18 ದಿನಾಂಕ : D: 05/03/18

ರೂ. Rs 30.00 Lakhs
Rupees Thirty Lakhs only
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ

ಮುಖ್ಯ ಅಭಿಯಂತರರು
ತಾಂತ್ರಿಕ ಸಹಾಯಕರು ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

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